NOV 1 4 2005

Attorney's Docket No.: 17136-003001 / 40060USP00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gage et al.

Art Unit : 1648

Serial No. : 1

10/800,361

Examiner: Shanon A. Foley

Filed

: March 11, 2004

Title

: METHOD FOR DETERMINING ION CHANNEL ACTIVITY OF A

SUBSTANCE

MAIL STOP AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. The references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for the fee of \$180 in payment of the late submission fee of \$1.17(p) is enclosed.

Please apply any other charges or credits to Deposit Account No. 06-1050.

Date: November 11, 2005

Respectfully submitted,

Kraig K. Anderson

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| Spontote Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 17136-003001 | Application No. 10/800,361 |
|--------------------------------------|--|------------------------------------|----------------------------|
| Fintormation Disclosure Statement | Applicant Gage et al. | | |
| | eets if necessary) | Filing Date March 11, 2004 | Group Art Unit 1648 |

| U.S. Patent Documents | | | | | | | |
|-----------------------|--------------|--------------------|---------------------|----------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| | AA | 4,681,852 | 07/21/1987 | Tribe | | | |
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|----------|---|----------|-------------|---------------|-------|----------|-------|--------|
| Examiner | Desig. | Document | Publication | Country or | | | Trans | lation |
| Initial | · ID | Number | Date | Patent Office | Class | Subclass | Yes | No |
| | AH | 34602/89 | 16 Nov 89 | Australia | | | | |
| | AI | | | | : | | | |
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| | AK | | | | | | | |
| | AL | | | | | | | |

| | Other Documents (include Author, Title, Date, and Place of Publication) | | | | |
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| Examiner | Desig. | | | | |
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| | AM | Derwent Abstract Accession No. 92-175825/22, Class B04 D16, DD 297186, A (University Berlin Humboldt), 2 January 1992 | | | |
| | AN | Piller et al., "Vpr protein of human immunodeficiency virus type 1 froms cation-selective channels in planar lipid bilayers, PNAC"; Vol. 93, pp. 111-115 | | | |
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| | AP | Schubert et al., American Society for Microbiology, 1995, page 63 | | | |

| Examiner Signature | Date Considered |
|--|--|
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| EXAMINER: Initials citation considered. Draw line through citation if no | ot in conformance and not considered. Include copy of this form with |
| next communication to applicant. | |